



FORM PTO-449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
2629-4017Serial No.:
09/594,039Applicant:
James Anthony et al.Filing Date:
June 15, 2000Group Art Unit:
1656

U.S. PATENT DOCUMENTS

| Examiner Initial | Patent Number | Publication Date | Name | Class | Sub-Class | Filing Date |
|------------------|---------------|------------------|-------------------|-------|-----------|-------------|
| SP | 4,486,536 | 12/4/84 | Ranki et al. | | | 10/14/82 |
| | 4,563,419 | 1/7/86 | Ranki et al. | | | 12/29/83 |
| | 4,731,325 | 3/15/88 | Palva et al. | | | 1/24/85 |
| | 4,732,847 | 3/22/88 | Stuart et al. | | | 12/29/82 |
| | 4,743,535 | 5/10/88 | Currico | | | 11/84 |
| | 4,751,177 | 6/14/88 | Stabinsky | | | 6/13/85 |
| | 4,851,330 | 7/25/89 | Kohne | | | 4/16/87 |
| | 5,288,611 | 2/22/94 | Kohne | | | 3/19/92 |
| | 5,374,524 | 12/20/94 | Miller | | | 4/27/93 |
| | 5,759,773 | 6/2/98 | Tyagi et al. | | | 2/24/95 |
| | 5,424,413 | 6/13/95 | Hogan et al. | | | 9/4/92 |
| | 5,437,977 | 8/1/95 | Segev | | | 5/29/92 |
| | 5,474,895 | 12/12/95 | Ishii et al. | | | 11/14/91 |
| | 5,556,748 | 9/17/96 | Douglas | | | 7/30/91 |
| | 5,623,049 | 4/22/97 | Lobberding et al. | | | 9/6/94 |
| | 5,629,156 | 5/13/97 | Shan et al. | | | 12/29/94 |
| | 5,656,731 | 8/12/97 | Urdea | | | 7/1/93 |
| | 5,695,926 | 12/9/97 | Cros et al. | | | 6/7/94 |
| | 5,728,531 | 3/17/98 | Yamada et al. | | | 3/29/96 |
| | 5,786,183 | 7/28/98 | Ryder et al. | | | 4/14/95 |
| | 4,868,105 | 9/19/89 | Urdea et al. | | | 12/11/85 |
| | 4,775,619 | 10/4/98 | Urdea | | | 10/16/84 |
| | 5,614,362 | 3/25/97 | Urdea et al. | | | 9/30/94 |
| | 5,629,153 | 5/13/97 | Urdea | | | 3/8/94 |
| | 5,641,630 | 6/24/97 | Snitman | | | 4/27/95 |
| | 5,702,893 | 12/30/97 | Urdea et al. | | | 5/15/95 |
| | 5,736,316 | 4/7/98 | Irvine et al. | | | 1/24/94 |
| | 5,747,244 | 5/5/98 | Sheridan et al. | | | 12/23/91 |
| | 5,747,248 | 5/5/98 | Collins | | | 12/5/94 |
| | 5,800,994 | 9/1/98 | Martinelli et al. | | | 7/24/96 |
| | 4,889,798 | 12/26/89 | Rabbani | | | 2/13/87 |
| | 6,221,581 B1 | 04-2001 | Engelhardt et al. | | | 6/7/95 |
| | 5,627,030 | 06-1997 | Panadian et al. | | | 7/15/94 |
| | 4,865,980 | 9/12/89 | Stuart et al. | | | 2/12/88 |
| | 5,827,661 | 10/27/98 | Blais | | | 9/23/96 |
| | 5,981,179 | 11/9/99 | Lorincz et al. | | | 9/14/95 |
| | 6,027,897 | 2/22/00 | Lorincz | | | 6/8/98 |
| | 6,043,038 | 3/27/00 | Sivaraja et al. | | | 3/31/98 |
| | 4,833,084 | 5/23/89 | Carrico | | | 8/26/85 |

Examiner

Prabha Chunduru

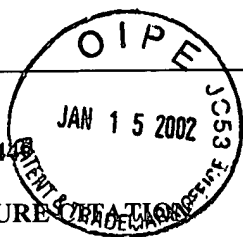
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9/8/02

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 Draw line through citation if not in conformance and not considered.
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FORM PTO-1449

INFORMATION DISCLOSURE OF RELEVANT FOREIGN PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

| Examiner Initial | Patent Number | Publication Date | Country | Class | Sub-Class | Translation |
|------------------|---------------|------------------|---------|-------|-----------|--|
| SPE | WO84/02721 | 7/19/94 | PCT | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | WO88/03957 | 6/2/88 | PCT | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | WO95/16055 | 6/15/95 | PCT | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | WO94/16108 | 7/21/94 | PCT | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | WO97/05277 | 2/13/97 | PCT | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | WO98/18488 | 5/7/98 | PCT | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | WO98/22620 | 5/28/98 | PCT | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | EPO079,139B1 | 5/18/83 | EPO | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | EPO144,914A2 | 6/19/85 | EPO | | | |
| | EPO167,366B1 | 1/1/86 | EPO | | | |
| | EPO184,017A2 | 6/11/86 | EPO | | | |
| | EPO281,927B1 | 9/14/88 | EPO | | | |
| | EPO703,296A1 | 3/27/96 | EPO | | | |
| | EPO415,978B1 | 3/13/91 | EPO | | | |
| | EPO336,454B1 | 11/10/892 | EPO | | | |
| | WO93/10263 | 5/27/93 | PCT | | | |
| | WO99/40224 | 8/12/99 | PCT | | | |
| | WO99/29909 | 6/17/99 | PCT | | | |
| | EPO0288737 A1 | 11/2/88 | EPO | | | |
| | WO99/36571 | 7/22/99 | PCT | | | |
| | WO97/31256 | 8/28/97 | PCT | | | |
| | WO99/32654A | 7/1/99 | PCT | | | |
| | WO99/39001 A2 | 8/5/99 | PCT | | | |
| | WO00/60116 A1 | 10/12/00 | PCT | | | |

OTHER DOCUMENTS (continued)

| | |
|-----|---|
| SPE | Coutlee et al., "Nonisotopic Detection of RNA in an Enzyme Immunoassay using a Monoclonal Antibody Against DNA-RNA Hybrids" <i>Analytical Biochemistry</i> 181:153-162, 1989. |
| | Chen et al., "DNA Optical Sensor: A Rapid Method For The Detection Of DNA Hybridization" <i>Biosensors & Bioelectronics</i> 13:451-458, 1998. |
| | Chevrier et al., "Isolation of a Specific DNA fragment and Development of a PCR-Based Method for the Detection of Mycobacterium genavense" <i>FEMS Immunology and Medical Microbiology</i> 23:243-452, 1999. |
| | Hakala et al., "Simultaneous Detection Of Several Oligonucleotides By Time-Resolved Fluorometry: The Use Of A Mixture Of Categorized Microparticles In A Sandwich Type Mixed-Phase Hybridization Assay" <i>Nucleic Acids Research</i> , 26:5581-5588, 1998. |
| | Gelmetti et al., "Detection of Rabbit Haemorrhagic Disease Virus (RHDV) by <i>In Situ</i> Hybridisation With A Digoxigenin Labelled RNA Probe" <i>Journal of Virological Methods</i> 72:219-226, 1998. |

Examiner

Beeba Chendur

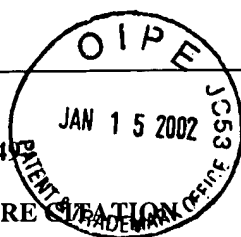
Date Considered

4/5/02

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OTHER DOCUMENTS (continued)

| | |
|-----|--|
| SPC | Radtkey et al., "Rapid, High Fidelity Analysis of Simple Sequence Repeats On An Electronically Active DNA Microchip" <i>Nucleic Acids Research</i> 28:i-vi, 2000. |
| | Namimatsu et al., "Detection of Salmonella by Using the Colorimetric DNA/rRNA Sandwich Hybridization in Microtiter Wells" <i>J. Vet. Med. Sci.</i> 62:615-619, 2000. |
| | Lazar et al., 1999 "Hybrid Capture @: a Sensitive Signal Amplification-based Chemiluminescent Test for the Detection and Quantitation of Human Viral and Bacterial Pathogens" <i>J. Clin. Ligand Assay</i> 22:139-151. |
| | Newman et al., 1989 "Solution Hybridization and Enzyme Immunoassay for Biotinylated DNA:RNA Hybrids to Detect Enteroviral RNA in Cell Culture" <i>Mol. Cell Probes</i> 3:375-382. |
| | Lamoureux et al., 1997 "Detection of Campylobacter jejuni in Food and Poultry Viscera Using Immunomagnetic Separation and Microtitre Hybridization" <i>J. Appl. Microbiol.</i> 83:641-651. |
| | Coutlee et al., 1990 "Quantitative Detection of Messenger RNA by Solution Hybridization and Enzyme Immunoassay" <i>J. Biol. Chem.</i> 265:11601-11604 |
| | Stollar, B.D. and A. Rashtchian, 1987 "Immunochemical Approaches to Gene Probe Assays" <i>Anal. Biochem.</i> 161:387-394. |
| | Blais, B.W., 1994 "Transcriptional Enhancement of the Listeria Monocytogenes PCR and Simple Immunoenzymatic Assay of the Product Using Anti-RNA:DNA Antibodies" <i>Appl. Environ. Microbiol.</i> 60:348-352. |
| | Coutlee et al., 1991 "Detection of Transcripts of Human Papillomaviruses 16 and 18 in Cancer-derived Cell Lines and Cervical Biopsies by Enzyme Immunoassay for DNA-RNA Hybrids Following Solution Hybridization" <i>J. Clin. Microbiol.</i> 29:968-974. |
| | Viscidi et al., 1989 "Monoclonal Antibody Solution Hybridization Assay for Detection of Human Immunodeficiency Virus Nucleic Acids" <i>J. Clin. Microbiol.</i> 27:120-125. |
| | Boguslawski et al., 1986 "Characterization of Monoclonal Antibody to DNA:RNA and Its Application to Immunodetection of Hybrids" <i>J. Immunol. Methods</i> 89:123-130. |
| | Coutlee et al., 1989 "Immunodetection of DNA with Biotinylated RNA Probes: A Study of Reactivity of a Monoclonal Antibody to DNA-RNA Hybrids" <i>Anal. Biochem.</i> 181:96-105. |
| | Coutlee et al., 1991 "Immunodetection of DNA with Biotinylated RNA Probes: A Study of Reactivity of a Monoclonal Antibody to DNA-RNA Hybrids" <i>Anal. Biochem.</i> 198:217 (Published erratum). |
| | Coutlee et al., 1989 "Comparison of Colorimetric Fluorescent, and Enzymatic Amplification Substrate Systems in an Enzyme Immunoassay for Detection of DNA-RNA Hybrids" <i>J. Clin. Microbiol.</i> 27:1002-1007. |
| | Zientara et al., 1998 "Use of reverse transcriptase-polymerase chain reaction (RT-PCR) and dot-blot hybridization for the detection and identification of African horse sickness virus nucleic acids" <i>Arch Virol</i> 14:317-327. |
| | Mansy et al., 1999 "A PCR Based DNA Hybridisation Capture System for the Detection of Human Cytomegalovirus. A Comparative Study with Other Identification Methods" <i>Journal of Virological Methods</i> 80:113-122. |
| | Poulsen et al., 1999 "Detection of Clinical Vancomycin-Resistant Enterococci in Denmark by Multiplex PCR and Sandwich Hybridization" <i>APMIS</i> 107:404-12. |
| | Sjöroos et al., 1998 "Time-Resolved Fluorometry Based Sandwich Hybridisation Assay for HLA-DQA1 Typing" <i>Disease Markers</i> 14:9-19. |
| | Edman et al., 2000 "Pathogen Analysis and Genetic Predisposition Testing Using Microelectronic Arrays and Isothermal Amplification" <i>Journal of Investigative Medicine</i> , 48:93-101. |
| | Monteiro et al., 1997 Evaluation of Performances of Three DNA Enzyme Immunoassays for Detection of <i>Helicobacter pylori</i> PCR Products from Biopsy Specimens" <i>Journal of Clinical Microbiology</i> , 35:2931-2936. |
| | Chiu et al., 1998 "Sandwich-type Deoxyribonucleic Acid Hybridization Assays Based on Enzyme Amplified Time-Resolved Fluorometry" <i>Analyst.</i> , 123:1315-1319. |

Examiner

Brabha chunduru

Date Considered

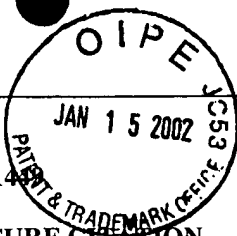
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FORM PTO-1459

INFORMATION DISCLOSURE CITATION

Attorney Docket:
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09/594,039Applicant:
James Anthony et al.Filing Date:
June 15, 2000Group Art Unit:
1656

OTHER DOCUMENTS (continued)

| | |
|-----|---|
| SPC | White et al., 1999 "Signal Amplification System for DNA Hybridization Assays Based on <i>in vitro</i> Expression of a DNA Label Encoding Apoeaquorin" <i>Nucleic Acids Research</i> 27:i-viii. |
| | Hakala et al., 1998 "Detection of Oligonucleotide Hybridization on a Single Microparticle by Time-Resolved Fluorometry: Quantitation and Optimization of a Sandwich Type Assay" <i>Bioconjugate Chem.</i> 9:316-321. |
| | Zammatteo et al., 1997 "Comparison between Microwell and Bead Supports for the Detection of Human Cytomegalovirus Amplicons by Sandwich Hybridization" <i>Analytical Biochemistry</i> 253:180-189. |
| | Fisher et al., 1997 "A System for the Quantitation of DNA Using a Microtiter Plate-Based Hybridization and Enzyme Amplification Technology" <i>Analytical Biochemistry</i> 251:280-287. |
| | Wicks et al., 1998 "A Sandwich Hybridization Assay Employing Enzyme Amplification for Determination of Specific Ribosomal RNA from Unpurified Cell Lysates" <i>Analytical Biochemistry</i> 259:258-264. |
| | Bruckner-Lea et al., 2000 "Rotating Rod Renewable Microcolumns for Automated, Solid-Phase DNA Hybridization Studies" <i>Anal. Chem.</i> 72:4135-4141. |
| | Allen et al., 1998 "High Resolution Genetic Typing of the Class II HLA-DRB1 Locus Using Group-Specific Amplification and SSO-Hybridisation in Microplates" <i>Hereditas</i> 129:161-167. |
| | Chomvarin et al., 2000 "Development of EIA for Detection of <i>Chlamydia Trachomatis</i> in Genital Specimens" <i>The Southeast Asian Journal of Tropical Medicine and Public Health</i> , 31:96-103. |
| | Alexandre et al., 1998 "Quantitative Determination of CMV DNA Using a Combination of Competitive PCR Amplification and Sandwich Hybridization" <i>BioTechniques</i> , 25: 676-683. |
| | Casadémont et al., 2000 "Rapid Detection of <i>Campylobacter fetus</i> by Polymerase Chain Reaction Combined With Non-Radioactive Hybridization Using an Oligonucleotide Covalently Bound to Microwells" <i>Molecular and Cellular Probes</i> 14:233-240. |
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| Examiner | Prabha Chenduru | Date Considered | 4/5/02 |
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